

ABSTRACT OF THE DISCLOSURE

A method of reinforcing an embedded cylinder pipe by applying a composite structural reinforcement within the pipe through in situ stratification of at least one band of reinforcement fibers and a resin or a resin including matrix comprising the steps of

- applying said band onto a contact area on an internal face of said pipe by means of a contacting member;

- moving said contacting member along an helical path so that said contact area follows said path;

- moving a main pressing member behind said contacting member along said path, to apply pressure to said band in a main pressure area separated from said contact area.

Related device for reinforcing an embedded cylinder pipe by applying a composite structural reinforcement within the pipe.